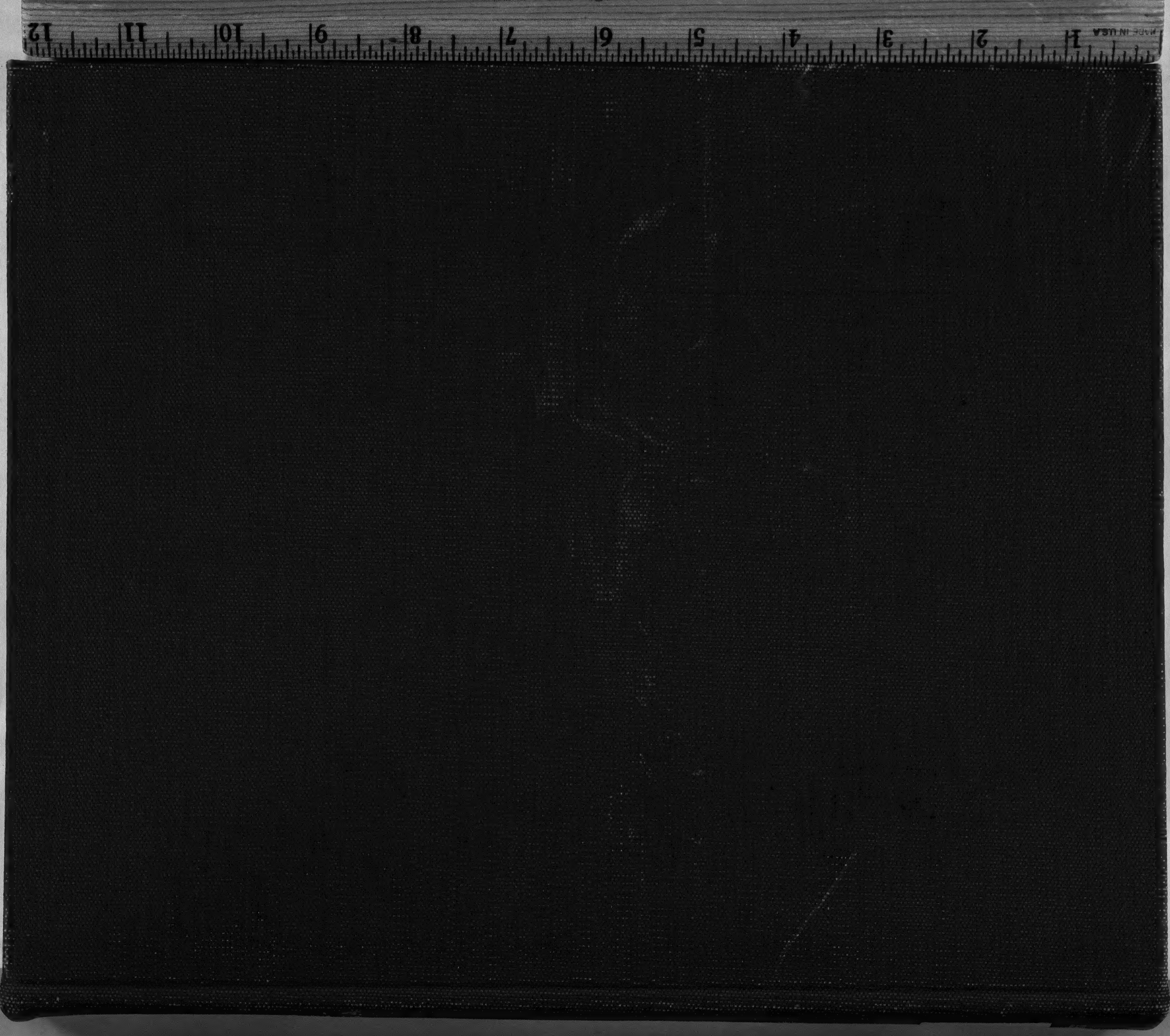

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F.M.

BIOLOGIA CENTRALI-AMERICANA.

AVES.

Vol. IV.

(PLATES.)

BY

OSBERT SALVIN, F.R.S., &c.,

AND

FREDERICK DUCANE GODMAN, D.C.L., F.R.S., &c.

1879–1904.

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‡ *Odontophorus* on the Plate.

§ *Nothocercus bonapartii* on the Plate.

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
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M&N.Hanhart imp. J. Leadleman lith.

Fig. 1. CATHARUS GRACILIROSTRIS.
Fig. 2. " GRISEICEPS.

J. Leadleman del. et lith. Gould, Bruhn, & Sm.

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
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1 CATHARUS MEXICANUS.
2 " DRYAS

2

Gould. Centr. Am.

Pl. 2

Fig. 1. TURDUS FLAVIROSTRIS
Fig 2. MELANOPTILA GLABRIROSTRIS

J.G.Keulemans lith. M&N.Hanhart imp.

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1.4. 2.9. FOLIOPTILA ALBILORIS.
3 MICROCERCULUS PHILOMELA
4. " LUSCINIA

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Centimetres 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
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J.G.Keulemans lith.

M&N Hanhart imp

1 *ad.*, 2 *juv.* THRYOPHILUS THORACICUS. 3 " SEMIBADIUS.

4 THRYOTHORUS ATROGULARIS.

Mintern Bros. imp.

J.G. Keulemans del. et lith.

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Centimetres
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1 THRYOTHORUS FELIX. 3 CISTOTHORUS ELEGANS.
2 " ALBINUCHA.

J.G.Keulemans lith.

M&N Hanhart imp.
30

Brit. Birds. Plate 7. Thrushes

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Centimetres
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J.G.Keulemans lith.

M & N. Hanhart imp.

1. PARULA INORNATA.
2. " SUPERCILIOSA.
3. " GUTTURALIS.

Wm. Ogle del. et lith.

Univ. Press. Ogle & Co.

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Mark Hankett imp

1 GEOTHLYPIS CHIRIQUENSIS.
2 G. CANIUCHA 3 G. POLIOCEPHALA.

3

2

Mintern Bros. sc.

Mintern Bros. sc.

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Centimetres 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
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J.G.Keulemans lith. Hanhart imp. 71

1 DENDRŒCA DECORA. 2 SETOPHAGA TORQUATA.
3 BASILEUTERUS MELANOGENYS.

Del. et lith. Keulemans. Aves Pl. 10.

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Hanhart imp.
94

J.G.Keulemans lith.

1 ERGATICUS VERSICOLOR.
2 SETOPHAGA LACRYMOSA.

Dulau & Co. Soho Sq.
Mintern Bros.

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
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1 VIREO OCHRACEUS
2 " PALLENS
3 " CARMIOLI.

J.G.Keulemans lith.

Hanhart imp
51

Vireo. Pl. 12.

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1.HYLOPHILUS VIRIDIFLAVUS 2.NEOCHLOE BREVIPENNIS.

J.G.Keulemans lith.

Hanhart imp.

49

2

1

Blyth del. Gentry. fec.

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CHAINOPTILA MELANOXANTHA

Male. Female. Male.

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Centimetres
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13,2♀ DIGLOSSA PLUMBEA. 3 DACNIS VIGUERI. 4 CERTHIOLA CAROTT.

J.G.Keulemans lith.

Hanhart. imp

Gould Centr. Orn.

Ibera. Pl. 15a.

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
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1 EUPHONIA LUTEICAPILLA.
2 " FULVICRISSA.
3 " GRACILIS.

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Centimetres 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
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J.G.Keulemans lith.

Hanhart imp.

2 PYRANGA ERYTHROCEPHALA.
1 CALLISTE FLORIDA.

2

Mus. Brit. del.

Sharpe del. et sc.

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
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Hanhart imp
139

1 RHAMPHOCŒLUS PASSERINII
2 " UROPYGIALIS

J.G.Keulemans lith.

Hanhart imp
139

Gould Centy. Ibm.
Hare Pl. 18

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
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Hanhart imp
J.G.Keulemans lith

1♂,2♀ PYRANGA TESTACEA

2

Gould Cent: Am.
Pyranga Pl 19

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
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1 PHŒNICOTHRAUPIS CARMIOLI.
2 EUCOMETIS SPODOCEPHALA.

J.G.Keulemans lith.

Hanhart imp.
72

2

Phœnicothraupis carmioli. Salv. & Godm. Ann.

1 TACHYPHONUS CHRYSOMELAS.
2 ♂, 3 ♀ " NITIDISSIMUS.

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
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J.G.Keulemans. del.

M & N. Hanhart. imp
170

1 CHLOROSPINGUS PUNCTULATUS.
2 » PILEATUS.
3 » HYPOPHÆUS.

Ois. de Bentv. Am. *Aves. Pl. 22.*

1 BUARREMON CAPITALIS.
2 „ TIBIALIS.

J.G.Keulemans lith. Hanhart imp.
69

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Centimetres 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
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J.G.Keulemans lith. Hanhart imp. 138

PITYLUS CELAENO.

Sharpe Del. et lith. Gould Centr. Am.

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Centimetres 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
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CYANOSPIZA ROSITAE.

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J.G.Keulemans lith. Hanhart imp. 146

1 JUNCO ALTICOLA.
2 ZONOTRICHIA VULCANI.

2

Gould Centy. del. *Dixon, sculp. &c.*

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
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J.G.Keulemans lith.
Hanhart imp.

1. HAPLOSPIZA UNIFORMIS.
2. ZONOTRICHIA QUINQUESTRIATA.
3 SPIZELLA PINETORUM.

Hanhart lith.
J.G.Keulemans del.

Biol Centr Am.

1. PEUCÆA NOTOSTICTA.
2. AMMODROMUS PETENICUS.

J.G.Keulemans lith
93

Hanhart imp

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Centimetres
Inches

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
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1 HÆMOPHILA HUMERALIS.
2 " RUFESCENS.

J.G.Keulemans del.

M & N.Hanhart imp
174

Dist. Bentr. Ann.

Ann. Mag. N.H.

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
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J.G.Keulemans lith. Hanhart imp.

1 HAEMOPHILA SUPERCILIOSA.
2 " RUFICAUDA.

Dietr. Gerhardt, del. Mintern, Publ. 30.

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Centimetres 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
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Hanhart imp

J.F. Keulemans lith. 190

XANTHOGASTRA

1, 2 CHRYSOMITRIS ATRICEPS

3

2

Male. Beatr. ofm.

Plate 31.

Inches 1 2 3 4 5 6 7 8
Centimetres 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
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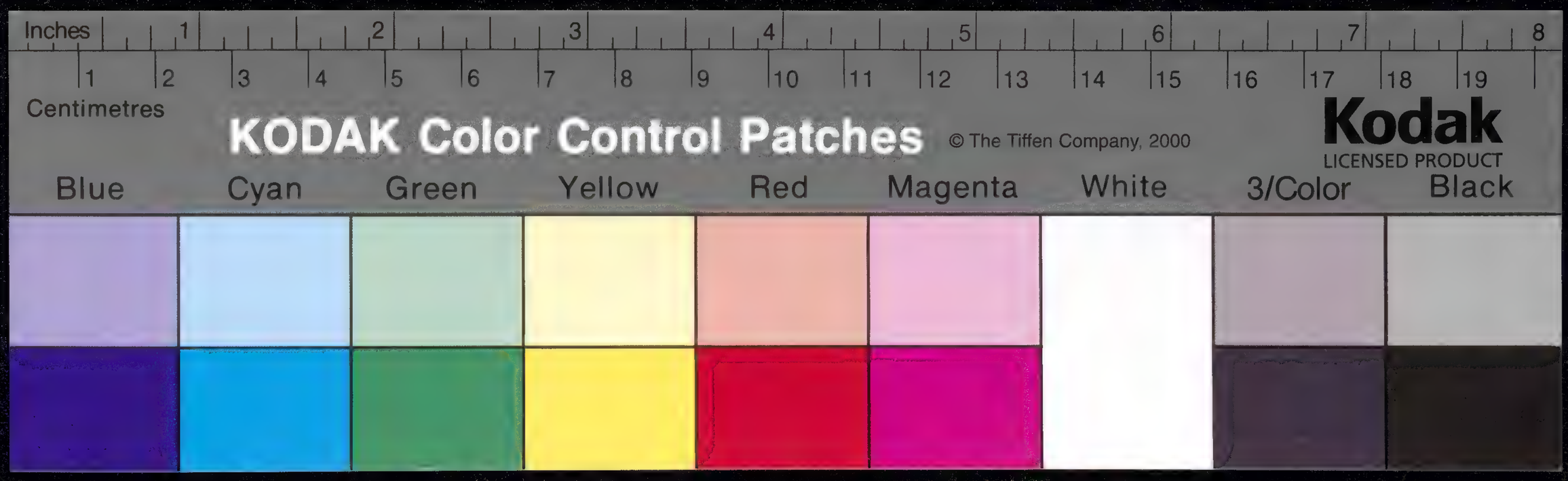
J.G Keulemans lith.

Black-throated Honey-guide. Indicator Sparrmanni.

Ind. Orn. Vol. II. p. 82.



J.G. Keulemans lith. Hanhart imp

1892

2. " AURATUS

I. ICTERUS SCLATERI.

Gould, Bentz, Hart. Hanhart's Ed. 33

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

CYANOCITTA YUCATANICA.

J.G.Keulemans lith.

Hanhart imp.
137

Ibis. Vol. III. Pl. 35.

Dodd, Family Thm.

Inches 1 2 3 4 5 6 7 8
Centimetres 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

Hanhart imp 183

J.G.Keulemans lith.

1. TYRANNULUS SERIFLAVUS.
2. LEPTOTRICCUS SUPERCILIARIS.
3. ELAINEA ARENARUM.

Dietr. Gerhr. Apm.

Aves Tab. 36.

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

M & N Hanhart imp 175

1 SIRYSTES ALBOGRISEUS
2 MYIARCHUS FLAMMULATUS

1 G Mediemans. del

2

1

Gould. Birds. Aus.

Pars. Vol. 3?.

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

1 MYIODYNASTES HEMICHRYSUS.
2 CONTOPUS OCHRACEUS.

J.G.Keulemans lith.

Hanhart imp.

I

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

18, 2* MUSCIVORA MEXICANA.

J.G.Keulemans.lith.

M.&N.Hanhart imp
173

Gould Centy. Ann.

Aves. Tab. 39.

Inches 1 2 3 4 5 6 7 8
Centimetres 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

Hanhart imp. 189

J.G.Keulemans lith.

1 MYIOBIUS CAPITALIS.
2 EMPIDONAX ALBIGULARIS.
3 " ATRICEPS.

Dietr. Bentv. Ann. Mus. Lugd. Bat. 40.

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

13, 2♀ CHIROMACHÆRIS AURANTIACA.
3 PIPRITES GRISEICEPS.

J.G.Keulemans lith.

Hanhart imp.
184

Pipra Isidori Gontr. Fam.

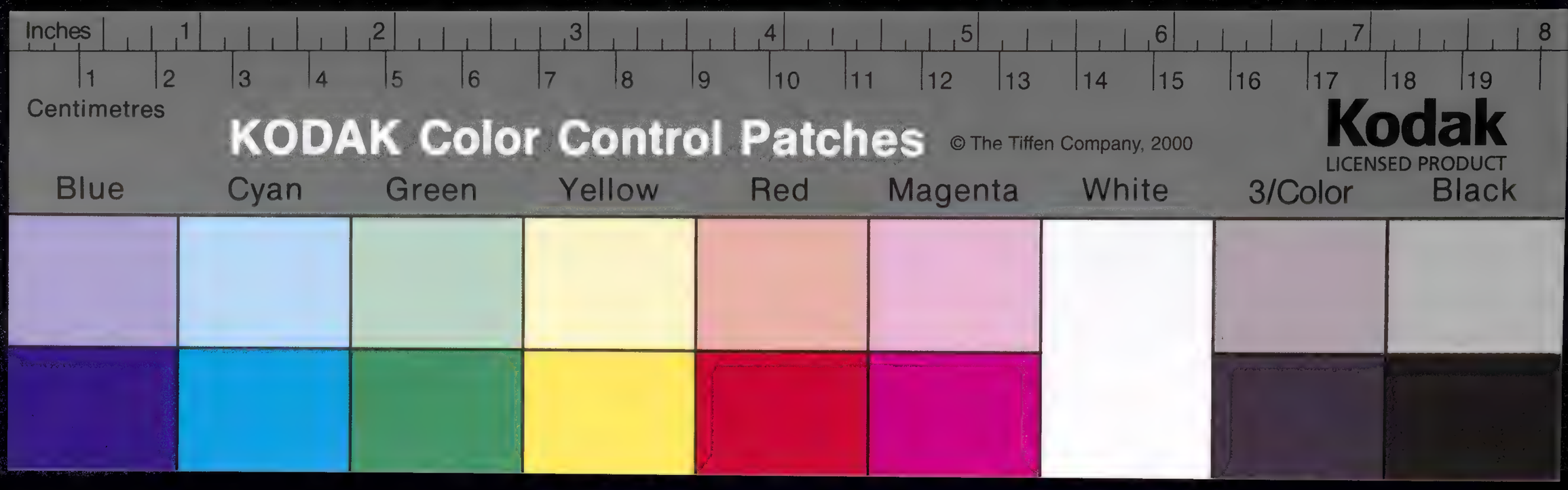
Pipra Isidi n.

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

J.G.Keulemans lith. Hanhart imp.

CARPODECTES NITIDUS.

Mintern Bros. imp. Gould Coll. del.



1 PACHYRHAMPHUS CINEREIVENTRIS.

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
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J. G. Keulemans lith.

Hanhart imp

1. SCLERURUS GUATEMALENSIS.
2. SYNALLAXIS PUDICA.

Gould Bentley Imp.

Proc. Zool. Soc. 44

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

J.G.Keulemans lith. Hanhart imp

1. SYNALLAXIS ERYTHROPS.
2. " RUFIGENIS

Hanhart imp. J.G.Keulemans lith.

Inches 1 2 3 4 5 6 7 8
Centimetres 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

Hanhart imp. 351

J.G.Keulemans lith.

1 PHILYDOR FUSCIPENNIS.
2 " RUFOBRUNNEUS.

2

1

Gould Bruijn. Ann.

Threa Gallis.

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

J.G.Keulemans lith.
Hanhart imp.

1. MARGARORNIS RUBIGINOSUS.
2. " BRUNNESCENS.

2

Publ. Brit. Mus.
Pl. 47

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

Hamhart imp
209

J.G. Keulemans lith.

1. DENDRORNIS LACRYMOSA.
2. XIPHORHYNCHUS PUSILLUS.

Gould Bentz. del.

Hanhart 248

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

Hanhart imp
20 L.

G. Keulemans lith.

1 THAMNOPHILUS PUNCTATUS, Bridges.
2 " BRIDGESI, ♀

1

2

Gould, Birds, pl. 49.

Gould, Birds, Am.

Inches 1 2 3 4 5 6 7 8
Centimetres 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

Hanhart imp. 209

J.G.Keulemans lith.

1 THAMNISTES ANABATINUS.
2,3 ? DYSITHAMNUS PUNCTICEPS.

Gould. Century Ann.

Thrasherella 50.

Inches 1 2 3 4 5 6 7 8
Centimetres 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

Hanhart imp. 207
J.G. Keulemans lith.

IMYRMECIZA LEMOSTICTA.
23,39 " IMMACULATA.

Bird. Genera &c.
Pl. 51.

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

GRALLARIA PRINCEPS

J.G.Keulemans lith.

Hansard imp
204

Gould Birds. Vol. II.

Pl. 52.

Inches 1 2 3 4 5 6 7 8
Centimetres 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

J.G.Keulemans lith. Hanhart imp.

1 GRALLARIA DIVES.
2 " PERSPICILLATA.

Gould. Bentr. Ann. Pl. 53.

Inches 1 2 3 4 5 6 7 8
Centimetres 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

M & N Hanhart imp.

J.G. Keulemans del.

13, 2♀ OREOPYRA CALOLAEMA.
33, 4♀ DELATTRIA HEMILEUCA.

4

2

1

J.G. Keulemans del.

M & N Hanhart imp.

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

1♂,2♀ DELATTRIA MARGARETHÆ .
3♂,4♀ " SYBILLÆ

J. G. Keulemans del

M & N. Hanhart imp
597

Gould. Centr. Ornn.

Mintern. Bale. Strand.

Inches 1 2 3 4 5 6 7 8
Centimetres 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

1 HEMISTEPHANIA VERAGUENSIS.
2,3 ♀ CHALYBURA MELANORRHOA.

J.G.Keulemans lith.
Hanhart imp.
187

Publ. Contr. Zool. Mus. Yale Univ. 55.

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

1 SELASPHORUS ARDENS.
2 ♂, 3 ♀ " TORRIDUS.

J.G.Keulemans lith. Hanhart imp. 185

Publ. Contr. Am. Fine Pl. t. 56.

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

Hanhart imp
199

C. E. Teulemans lith.

1 ♀ LOPHORNIS ADORABILIS.
3 ♀ 4 ♀ EUPHERUSA NIGRIVENTRIS.

John Gould, F.R.S.
Edward Bentley, del.

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

J.G.Keulemans lith. Hanhart imp 186

ANTROSTOMUS SATURATUS.

Dalziel Brothers, imp. Plate 58.

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

J.G. Keulemans del.

M & N Hanhart imp.

CAPRIMULGUS FUSCATANICUS ♂.

Proc. Zool. Soc. 1858.

Gould, Birds, Pl.

Inches 1 2 3 4 5 6 7 8
Centimetres 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

J. G. Keulemans del.

CAPRIMULGUS SALVINI ♂.

Proc. Zool. Soc. 1879.

M & N Hanhart imp.
599.

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

Hanhart imp 205

J.G.Keulemans lith.

2 " SIMPLEX

1 CHLORONERPES CALLOPTERUS.

2

Gould Centy. Pl.

Mus. Zool. Brit.

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

Mintern Bros. imp.

J.G.Keulemans lith.

3 ♂, " AURICULARIS.

1♂,2♀,CHLORONERPES GODMANI.

Bull. Ornithologique.

Aves. Pl. 59a.

Inches 1 2 3 4 5 6 7 8
Centimetres 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

Hanhart imp. 206

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

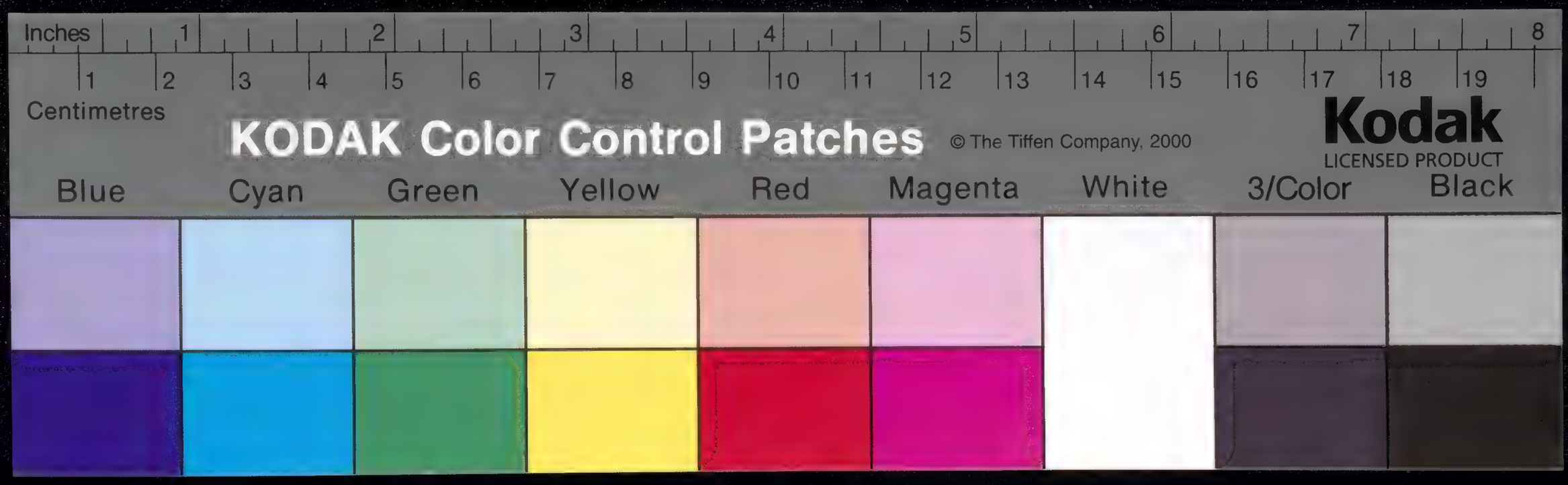
J.G.Keulemans lith.

Hanhart imp 227

SYRNIUM FULVESCENS.

Gal. Gentr. Am.

Trans. Zool. Soc.


Inches
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4
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Centimetres
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KODAK Color Control Patches
© The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue
Cyan
Green
Yellow
Red
Magenta
White
3/Color
Black

Inches 1 2 3 4 5 6 7 8
Centimetres 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

Hanhart imp 140

MORPHNUS GUIANENSIS

J.G.Keulemans lith.

Gleanings in Orn. 4m.

Pl. 63.

Inches 1 2 3 4 5 6 7 8
Centimetres 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

E.Neale del.et lith. MICRASTUR MIRANDOLLII. Hanhart imp.

Bird Series. Plate 64. Avian Tale

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

1 ad. 2 juv. FALCO DIROLEUCUS.

Hanhart lith.

1/2

2

Gould Comb. Ann.

Ann. Mus.

Inches 1 2 3 4 5 6 7 8
Centimetres 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

Lith. Anst. v. Th. Fischer, Cassel.

1. LEPTOPTILA PLUMBEICEPS.
2. " CERVINIVENTRIS.

Hanhart imp.
229

Aves Tab. 67.

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

Prof. Gerbe ad viv. del.

2

ARDEA CASSINI.
RUFINUCHA.

Ardea Cassini.

Hanhart imp.

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

GEOTRYGON LAWRENCII.

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

Hanhart. imp. 233

J.G.Keulemans lith.

GEOTRYGON RUFIVENTRIS

Sharpe del. et lith.

Gould Centy. Avm.

Inches 1 2 3 4 5 6 7 8
Centimetres 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

J.G.Keulemans lith. CHAMÆPETES UNICOLOR. Hanhart imp. 235

Del. et Lith. Ann. Vol. III.

Inches 1 2 3 4 5 6 7 8
Centimetres 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

J. G. Keulemans lith.

ORTALIS WAGLERI

Taf. 79.
Tetrao. Taf. 79.
Lith. Anst. v. Th. Fischer, Cassel.

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

ODONTOPHORUS MELANOTIS.

3
4

Inches 1 2 3 4 5 6 7 8
Centimetres 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

J.G.Keulemans lith.

ODONTOPHORUS LEUCOLÆMUS.

Hanhart imp.
67

Inches 1 2 3 4 5 6 7 8
Centimetres 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

Hanhart imp 48

J.G.Keulemans lith.

ODONTOPHORUS CINCTUS.

Gould del. et lith.

Pl. 75.

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

J.G.Keulemans lith

Hanhart imp

ODONTOPHORUS STROPHIATTHUS

Gould Centr. Am.

Aves Vol. IV.

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

Hanhart imp
238

ARAMIDES AXILLARIS.

Inches 1 2 3 4 5 6 7 8
Centimetres 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

Rhinoceros Bonapartii.

Aves. Tab. 78.

Lithographie von Gebrüder Kaiser in Wien.

Inches 1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Centimetres
KODAK Color Control Patches © The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black

Mintern Bros. imp.

J.G. Keulemans del. et lith.

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